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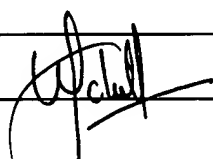
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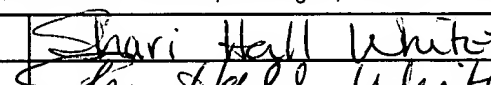
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TRANSMITTAL FORM <i>(to be used for all correspondence after initial filing)</i>	Applicati n Number	09/888,309
	Filing Date	21 June 2001
	First Named Inventor	Melissa K. Carpenter
	Group Art Unit	1632
	Examiner Name	Thaian N. Ton
Total Number of Pages in This Submission	Attorney Docket Number	090/002

ENCLOSURES (check all that apply)		
<input type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input type="checkbox"/> Amendment / Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input checked="" type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Response to Missing Parts/ Incomplete Application <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Assignment Papers (for an Application) <input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _____	<input type="checkbox"/> After Allowance Communication to Group <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below): PTO Form 1449; References (3)
Remarks <input style="width: 100%;" type="text"/>		

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT	
Firm or Individual name	J. Michael Schiff, Registration No. 40,253
Signature	
Date	January 18, 2002

CERTIFICATE OF HAND DELIVERY	
I hereby certify that this correspondence is being delivered by hand to the U.S. Patent Office in accordance with 37 CFR 1.6(b), addressed to the Assistant Commissioner for Patents, Washington, DC 20231 on this date: <input style="width: 100px;" type="text"/>	
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Shephard White
Name

1/23/02
Date

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In the application of: Carpenter et al.

Serial No.: 09/888,309

Filing Date: June 21, 2001

For: DIRECT DIFFERENTIATION OF HUMAN
PLURIPOTENT STEM CELLS AND
CHARACTERIZATION OF DIFFERENTIATED
CELLS

Art Unit: 1632

Examiner: Ton, Thaian N.

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SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

Assistant Commissioner for Patents
Washington, D.C. 20231

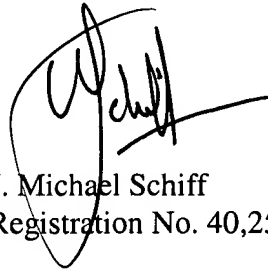
Dear Sir:

The information listed in the accompanying form PTO-1449 and provided herewith may be material to examination of this application and is submitted in compliance with the duty of disclosure under 37 CFR § 1.56. The Examiner is requested to make this information of record in the application.

This Information Disclosure Statement is not to be construed as a representation that a full search for relevant information has been made, that all relevant information has been found, or that the information provided with this Statement is considered to be material to patentability of the claimed invention as defined under 37 CFR § 1.56(b).

It is believed that no fee is required for submission of this Statement, which is filed before the first Office Action on the merits of the application. Nevertheless, should a fee be required for consideration of this Statement and the listed information, the Assistant Commissioner is authorized to charge such fee to Deposit Account No. 07-1139, referencing the attorney Docket Number indicated above.

Respectfully submitted,



J. Michael Schiff
Registration No. 40,253

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DATE: January 18, 2002

Form 1449 (modified) Information Disclosure Statement By Applicant (Use Several Sheets if Necessary)	Docket: 090/002 Supplemental U.S.S.N. 09/888,309 Title: Direct Differentiation of Human Pluripotent Stem Cells and Characterization of Differentiated Cells Inventors: Melissa K. Carpenter, Walter D. Funk, R. Scott Theis Filing Date: June 21, 2001 Group: 1632
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U.S. Patent Documents

Examiner Initial	Ref.	Patent No.	Filing Date	Issue Date	Class/ Subclass	Inventors:	Title:
(none)							

Foreign Patent or Published Foreign Patent Application

Examiner Initial	Ref.	Document No.	Publ. Date	Juris- diction	Title:	Translation	
						Yes	No
(none)							

Other Documents

Examiner Initial	Ref.	Author, Title, Date, Source
	DA	Lamb, T.M., et al., Neural Induction by the Secreted Polypeptide Noggin, Science 262:713 (1993)
	DB	Lim, D.A., et al., Noggin Antagonizes BMP Signaling to Create a Niche for Adult Neurogenesis, Neuron 27:713 (2000)
	DC	Sasal, Y., et al., Regulation of Neural Induction by the Chd and Bmp-4 Antagonistic Patterning Signals in Xenopus, Nature 376:333 (1995)

Examiner	Date Considered